

with two curled-topped spines crossing each other; four rows of minute warts, with single hairs pointing a little forwards, are visible down the back of the thorax and abdomen; the surface of the head, thorax and wing covers, and last ring of abdomen are brilliantly glossy, the other segments dull; the colour black, save in the segmental divisions, which are shining brown.

Emsworth : January 8th, 1878.

DIAGNOSES OF A NEW GENUS AND SOME UNDESCRIPTED SPECIES  
OF AFRICAN *PHYTOPHAGA*.

BY J. F. BALY, F.L.S.

(concluded, from p. 179).

HORATOPYGA CARINATA.

*Aptera, ovata, convexa, pallide picea, subtus nitida, supra subopaca, pedibus antennisque piceo-fulvis; thorace transverso, disco utrinque longitudinaliter impresso, foreolato-punctato; foreis rotundatis sat profunde impressis disci medio minus crebre, ad basin et ad latera crebre dispositis; clytris breviter ovatis, singulis carinis longitudinalibus 12, alternis ante apicem abbreviatis, instructis; interspatiis singulis serie unica punctorum rotundorum impressis; interspatio externo elevato, plano; pygidio vix exserto.*

Long.  $1\frac{3}{4}$  lin.

Hab. : Cape of Good Hope.

POLYSTICTA SIMONSI.

*Oblonga-orata, convexa, rufo-testacea, nitida, antennis, basi excepta, epipleuris posticis, pedibus, scutello, thoracisque punctis sex, 1, 4, 1 dispositis, nigris; elytris minus nitidis, minute granulosis; tenuiter punctato-striatis, interspatiis tenuissime punctatis; metallico-cyanis, limbo exteriori rufo-testaceo, punctorum metallico-cyanorum serie unica, plerumque discoidali, ornato; antennis brevibus, articulis ultimis sex compressis, clavam elongatam formantibus.*

Long.  $4\frac{1}{3}$  lin.

Hab. : Lake Nyassa.

PHYSOMA VIOLACEIPENNIS.

*Elongata, parallela, modice convexa, pallide fulva, nitida, vertice rude varioloso-punctata, nigra, antennis extrosum nigro-fuscis; thorace fortiter punctato; elytris metallico-violaccis, aeneo-micantibus, crebre punctatis, punctis magnis, rotundatis.*

Long.  $2\frac{1}{2}$ —3 lin.

Hab. : Lake Nyassa.

EUTHECA.

*Corpus ovatum, convexum. Caput modice exsertum; facie brevi, perpendiculari; oculis elongatis; antennis filiformibus. Thorax trans-*

*versus. Elytra punctato-striata. Pedes robusti; femoribus posticis valde incrassatis; tibiis spina apicali acuta armatis; posticis quatuor extus ante apicem emarginatis; unguiculis simplicibus. Prosternum postice depresso, dilatatum, truncatum; acetabulis anticis integris.*

Very closely allied in all its characters to *Blepharida*, but separated from that genus by its simple claws.

#### EUTHECA HAROLDI.

*Ovata, convexa, pieca, nitida; capite utrinque inter oculos sulco sinuato sat profunde impresso; thorace flavo, disco picco-tincto, ante medium forea oblonga, necnon basi utrinque vitta brevi, quasi linea curvata, fortiter punctata, pone apicem posita, impresso; elytris sat profunde punctato-striatis, interspatiis ante apicem et ad latera convexiusculis, maculis elongatis multis ornatis.*

*Long. 2 $\frac{3}{4}$  lin.*

Hab. : Lake Nyassa.

#### MYRCINA CHAPUISI.

*Subelongata, modice convexa, nigra, nitida, abdomine obscure fulvo; thorace transverso, lateribus rotundatis; disco tenuiter punctato, utrinque intra marginem lateralem longitudinaliter impresso; elytris infra basin transversim impressis, tenuiter punctatis.*

Var. A. *Corpore obscure pieco.*

*Long. 1 $\frac{3}{4}$ —3 $\frac{3}{4}$  lin.*

Hab. : Lake Nyassa.

Very nearly allied to *Myrcina nigra*, Chapuis, but much more variable in size than that species; its thorax broader, with more distinctly rounded sides, its upper surface more distinctly punctured, and impressed at some distance within the lateral margin with a longitudinal groove on either side.

#### AULACOPHORA SCUTELLATA.

*Ovata, postice paullo ampliata, obscure fulva, nitida, antennis (basi excepta) pedibusque nigris, abdomine picco; thorace transverso, lateribus obtuse angulatis, margine basali medio in tuberculum obtusum elevata; disco distincte punctato, transversim sulcato, sulco medio interrupto; elytris nigris, medio infra basin leviter conjunctim depresso, subcerebre punctatis; singulis basi obsolete gibbosis, conjunctis circa scutellum late excavatis, soveam magnam transversam basalem formantibus, sovea laevi, antice fulva, postice tuberculis duabus contiguis ad suturam positis, instructis; scutello libero, lineariformi, recurvato—Mas.*

*Long. 3—3 $\frac{1}{4}$  lin.*

Fam. : *Elytris basi haud gibbosis, circa scutellum haud excavatis, totis nigris; scutello trigonato, haud libero.*

Hab. : Lake Nyassa.

## AULACOPHORA AENEIPENNIS.

*Ovata, postice paullo ampliata, rufo-fulva, nitida, tarsis antennisque robustis, nigris, harum articulis quinque basalibus obscure fulvis, articulo ultimo piceo; thorace transverso, lateribus obtuse angulatis, laevi, hic illic parce punctato, transversim sulcato, sulco integro; elytris minute granulosis nitidis, subcerebre punctatis, viridi-aeneis.*

*Long. 2½ lin.*

Hab. : Lake Nyassa.

Warwick : September, 1877.

DESCRIPTIONS OF SEVERAL NEW SPECIES OF HETEROCHEROUS  
LEPIDOPTERA FROM JAPAN.

BY ARTHUR G. BUTLER, F.L.S., &c.

## MACROGLOSSA SAGA.

♂. Primaries and body of a dark slate-grey colour, with dark brown bands and spots as in *M. Corythus*; secondaries with a broad central bright cadmium-yellow belt; base and external area black-brown (more broadly bordered than in *M. Corythus*); abdomen with three lateral basal transverse cadmium-yellow spots on each side, separated by black abbreviated bars, the spot nearest to the base very small; under surface similarly marked to *M. Corythus*, but considerably redder in colour. Expanse, 2 inches, 5 lines.

Yokohama (Jonas).

Type in B.M.

Thongh agreeing in pattern with *M. Corythus*, this species looks almost black by the side of it, being even darker than *M. Alcedo*.

## SENDYRA NOCTUINA.

Primaries above black-brown, with pale veins; an oblique angulated abbreviated whitish-brown bar from the costal margin to the lower radial; reniform and orbicular spots black, with pale margins; a longitudinal pale-edged interno-median black patch; a concave oblique discal black stripe limiting the external border; outer border rosy, with marginal and submarginal parallel ferruginous lines; fringe white, intersected by a black line; secondaries ochreous, with undulated outer margin; a large spot on the end of the cell and a rather broad submarginal belt, terminating near anal angle in an internally directed tooth-like process, black; outer border from apex to second median branch, with ferruginous lines as in the primaries, thence to anal angle, with a single black marginal line; fringe as in primaries; head, thorax, and legs, hairy, black streaked with white, legs below with ochreous tibiae; abdomen ochreous, with a dorsal row of spots, and the anus black, below greyish; wings below ochreous, with the outer borders rusty; a large black spot terminating each discoidal cell; a black dash on the interno-median areas; primaries with a black spot in the cell. Expanse, 1 inch, 10 lines.

Hakodadi (Whitely).

Type, B.M.

Although belonging to the *Agaristidæ*, this species somewhat calls to mind some of the *Noctuitæ* in the arrangement of its colours.

DATANOIDES, *n. gen.*

Allied to *Anzabe*, but with more nearly the aspect of *Datana*;